

7422WS Multi-Conductor - 600V FCC Control Cables for Moderate Flexing



For more Information
please call

1-800-Belden1

**Description:**

16 AWG stranded (26x30) bare copper conductors, PVC-Nylon insulation, shielded, oil- and abrasion-resistant PVC jacket.

Physical Characteristics (Overall)**Conductor****AWG:**

# Conductors	AWG	Stranding	Conductor Material
2	16	26x30	BC - Bare Copper

Ground Wire

Ground Wire (Y/N):	Y
Ground Wire AWG:	16
Ground Wire Stranding:	26x30
Ground Wire Conductor Material:	BC - Bare Copper
Ground Wire Insulation Material:	PVC/Nylon - Polyvinyl Chloride/Nylon

Insulation**Insulation Material:**

Insulation Material	Wall Thickness (in.)
PVC - Polyvinyl Chloride	0.015
Nylon	0.005

Inner Jacket**Inner Jacket Material:**

Inner Jacket Material	Nom Wall (in.)	Nom. Dia. (in.)
PVC	0.025	0.272

Inner Jacket Ripcord: No

Inner Jacket Color Code Chart:

Color
Chrome

Outer Shield**Outer Shield Material:**

AWG	Type	Outer Shield Material	Coverage (%)	Dia. (in.)
34	Braid	Tinned Copper	85.000	0.300

Outer Jacket**Outer Jacket Material:**

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	0.047

Outer Jacket Diameter:

Nom. Dia. (in.)
0.394

Mechanical Characteristics (Overall)

Operating Temperature Range: -40°C To +90°C

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Other Temperature Range:	Flexing: -5°C To +90°C
Bulk Cable Weight:	65 lbs/1000 ft.
Max. Recommended Pulling Tension:	105 lbs.
Min. Bend Radius (Continuous Flexing):	3.200 in.
Flex Cycle Rating:	1 Million Flexes

Applicable Specifications and Agency Compliance (Overall)**Applicable Standards & Environmental Programs**

NEC/(UL) Specification:	TC, WTTTC
CSA Specification:	AWM I/II A/B
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	10/01/2005
EU Directive 2002/96/EC (WEEE):	Yes
EU Directive 2003/11/EC (BFR):	Yes
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

Flame Test

UL Flame Test:	UL1277, UL1685 FT4/IEEE 1202 Vertical Tray Flame Test
C(UL) Flame Test:	FT4
IEEE Flame Test:	1202

Suitability

Suitability - Burial:	Yes
Sunlight Resistance:	Yes
Oil Resistance:	Yes - Oil Res I & II
Non-halogenated:	No

Plenum/Non-Plenum

Plenum (Y/N):	No
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Electrical Characteristics (Overall)**Nom. Conductor DC Resistance:****DCR @ 20°C (Ohm/1000 ft)**

4.000

Related Documents:

No related documents are available for this product

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
7422WS 0601000	1,000 FT	108.000 LB	CHROME	C	2 #16+GRD PVC/NYL TPE BRD TPE
7422WS 060250	250 FT	29.750 LB	CHROME	C	2 #16+GRD PVC/NYL TPE BRD TPE

Notes:

C = CRATE REEL PUT-UP.

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